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# Arizona University System FY 2008 Annual Report

Arizona State University  
Northern Arizona University  
The University of Arizona



# ARIZONA UNIVERSITY SYSTEM FY 2008 ANNUAL REPORT

## Mission

The Arizona Board of Regents is the governing board for the state's public universities, Arizona State University, Northern Arizona University, and the University of Arizona. The Board is committed to:

- ensuring access for qualified residents of Arizona to undergraduate and graduate instruction;
- promoting the discovery, application, and dissemination of new knowledge;
- extending the benefits of university activities to Arizona's citizens outside the university;
- and, maximizing the benefits derived from the state's investment in education.

## Membership

The Board consists of twelve members, eleven voting and one non-voting. This includes the Governor and Superintendent of Public Instruction as ex-officio members, each serving while they hold office, and two Student Regents.

Student Regents serve staggered two-year terms, the first year as a non-voting member of the Board.

Except for ex-officio members and Student Regents, and as noted below, the term of a Regent is eight years. Every two years, two Regents finish their term, and two new Regents are appointed by the Governor and confirmed by the Senate.

Effective January 2008, ARS 15-1621 specifies that the Governor will appoint two members of the Board who reside in a county with a population of less than 800,000. Of the two new appointees, one will serve a four-year term and the other will serve an eight-year term. Thereafter, each member from the counties with smaller population will serve eight years.

## Board Members

Fred Boice, Tucson, President  
Robert B. Bulla, Scottsdale  
Ernest Calderón, Phoenix  
Dennis DeConcini, Tucson  
Fred P. DuVal, Phoenix  
LuAnn Leonard, Kykotsmobi

Anne L. Mariucci, Phoenix  
Bob McLendon, Yuma  
David Martinez, Student  
Mary Venezia, Student  
Janet Napolitano, Governor  
Tom Horne, Superintendent of  
Public Instruction

## Council of Presidents

Michael Crow, President, Arizona State University  
John Haeger, President, Northern Arizona University  
Robert Shelton, President, University of Arizona  
Joel Sideman, Executive Director, Board of Regents

## Overview

The FY 2008 year was a very busy and productive period for the Arizona University System, thanks to the leadership of the Board of Regents and the university presidents, support of the governor and many policymakers, and the efforts of the faculty and staff who provide high-quality educational programs and services. The fall 2007 enrollment topped 122,731 for the first time.

This report summarizes activities and accomplishments within the University System, including specific data on enrollment; degrees awarded; campus development; academic programs; staffing levels; sources of funds; and highlights of the year that are specific to the Board of Regents, Arizona State University (ASU), Northern Arizona University (NAU), and the University of Arizona (UA).

### *The University of Arizona College of Medicine-Phoenix, in partnership with Arizona State University*

The University of Arizona College of Medicine-Phoenix, in partnership with Arizona State University on the Phoenix Biomedical Campus welcomed its inaugural class of 24 first-year students in August 2007. With 110 first-year students at the Tucson campus, the two campuses admitted a total of 134 new students into the College of Medicine, which marked its 40<sup>th</sup> anniversary on the Tucson campus in Fall 2007. Although occurring subsequent to the timeframe covered by this annual report, in August 2008, The University of Arizona appointed William M. Crist, M.D. to the position of Vice President for Health Affairs, and the College of Medicine-Phoenix admitted its second class of 48 first-year students. By expanding the UA College of Medicine, the Board of Regents is working to address the current physician shortage in Arizona by increasing the number of medical school graduates.

### *Campus Development*

New construction and expansion of facilities in FY 2008 added 6 net new facilities and 1.1 million net new square feet. The university building system in FY 2008 consisted of 36 million square feet in 1,669 academic/support and auxiliary facilities. The replacement value for these facilities, as of June 30, 2007, was estimated to be \$9.5 billion.

### *State Operating Budget*

Regents, university presidents, and their staff worked closely with policymakers during the year to advocate for higher education fiscal priorities. Governor Janet Napolitano and the Legislature addressed a budget shortfall for FY 2008. The resulting impact on the universities was a reduction to the FY 2008 budget in the amount of \$39.4 million, and an overall decrease to the university system for FY 2009 in the amount of \$53.2 million. To address these reductions, the universities held vacant positions open, hired fewer faculty, and streamlined operations.

### *Math, Science, and Special Education Teacher Loan Forgiveness Program*

The Legislature approved a new loan forgiveness program which began in the fall of 2007. Based upon legislative language, the program is open to undergraduates pursuing their first baccalaureate degree and who will agree to teach math, science or special education in any public school in Arizona in exchange for the loan. The loan amount covers tuition, mandatory fees, and instructional materials. The first cohort of 66 students received approximately \$3,000 per student for the spring 2008 semester, totaling \$181,664. Applications for the 2008-09 academic year were accepted in March and resulted in 79 new applicants.

### **Tuition Task Force**

The Board designated a task force of university personnel, ABOR staff, and students to study the process and policies of tuition setting by the Board. The task force analyzed appropriate factors around which to develop a policy framework to establish guidelines for tuition setting. Their focus was on: 1) funding adequacy, 2) affordability, and 3) shared responsibility.

### **Public Awareness Campaign**

This year, the Arizona Board of Regents, with the support and participation of the three universities, launched the system-wide public awareness campaign called *Solutions Through Higher Education*. The campaign calls attention to the brewing educational crisis nationwide and in Arizona and the critical role that higher education plays in ensuring economic prosperity for our citizens and our country. The Board contracted with Riester to carry out the multi-faceted campaign, including public relations, interactive, and coalition building components. Promotional and information materials, including a video, slide show, and brochure were developed for presentations, which are being provided around the state. A speakers bureau was formed to assist with making the presentations. In addition, a campaign Web site was developed and launched at [www.highereducationsolution.com](http://www.highereducationsolution.com).

As a part of the campaign, a coalition of university system supporters was formed, including community and business leaders, organizations, and concerned citizens. *The Coalition for Solutions Through Higher Education* is anchored in the belief that it is imperative to raise the educational level of Arizonans, especially the younger population. Six business and community leaders co-chair the coalition. The campaign continues to expand its business and community support.

### **Staffing Levels**

During FY 2008, the University System employed 37,605 faculty and staff, including 20,211 full-time employees and 17,394 part-time employees. Of this total complement, 5,367 professors and other instructional faculty provided instruction, research, and public service at the universities.

### **University-Community College Partnerships**

The Arizona University System continued its efforts in FY 2008 to increase student access to baccalaureate degrees through university-community college partnerships. The work of both the Joint Conference Committee (JCC) and the Governor's P-20 Council continue to enhance the process of articulation.

### **Academic Programs**

ASU, NAU, and UA offered 496 Bachelor's degree programs, 409 Master's degree programs, 207 Doctoral programs, 4 professional degree programs, and 157 certification programs.

### **Strategic Plan: 2020 Vision**

The Strategic Planning, Budget, Finance Committee is finalizing the 2020 Vision long-term strategic plan. The plan details goals and objectives for the university system for the next 12 years around four key policy themes, including: academic excellence; research excellence; community engagement and workforce impact; and productivity. The planning has utilized a decision support model developed by the ASU Decision Theater to facilitate goal setting and analyses. With the macro plan (2020 Vision) in the final stages of development, focus has shifted to the more detailed planning efforts surrounding the objectives and to developing long-term financial projections to cost out the plan.

## Enrollment and Degrees Awarded

### Headcount

- Over the last ten years, total headcount<sup>1</sup> enrollment has increased 18.6% from 103,469 in fall 1997 to 122,731 in fall 2007.
- Undergraduate headcount increased over 2.4% from 93,561 in fall 2006 to 95,802 in fall 2007.
- Arizona State University, Northern Arizona University, and the University of Arizona all reported increases in total headcount enrollment.

### Full-time Equivalent (FTE)

- Over the last ten years, total FTE<sup>2</sup> enrollment has increased 24.7%, from 90,691 in fall 1997 to 113,092 in fall 2007.

FALL 2007 ENROLLMENT						
	Headcount			Full-Time Equivalent		
	Undergraduate	Graduate	Total	Undergraduate	Graduate	Total
<b>ASU</b>	<b>51,311<sup>3</sup></b>	<b>13,083<sup>3</sup></b>	<b>64,394</b>	<b>50,059</b>	<b>10,484</b>	<b>60,543</b>
<i>Tempe</i>	41,626	9,855	51,481	37,990	8,166	46,156
<i>West</i>	7,271	1,393	8,664	6,047	918	6,965
<i>Polytechnic</i>	7,813	939	8,752	3,871	438	4,309
<i>Downtown Phoenix</i>	5,354	1,241	6,595	2,151	963	3,113
<b>NAU</b>	<b>15,421</b>	<b>5,699</b>	<b>21,120</b>	<b>14,585</b>	<b>3,696</b>	<b>18,281</b>
<i>Flagstaff</i>	15,040	5,449	20,489	14,254	3,546	17,800
<i>Yuma</i>	381	250	631	331	150	481
<b>UA</b>	<b>29,070</b>	<b>8,147</b>	<b>37,217</b>	<b>27,861</b>	<b>6,606</b>	<b>34,268</b>
<i>Main</i>	28,596	8,096	36,692	27,565	6,570	33,936
<i>South</i>	474	51	525	296	36	332
<b>Total University System</b>	<b>95,802</b>	<b>26,929</b>	<b>122,731</b>	<b>92,505</b>	<b>20,587</b>	<b>113,092</b>
<b>Fall 2006 Enrollment</b>	<b>93,561</b>	<b>26,864</b>	<b>120,425</b>	<b>90,270</b>	<b>20,310</b>	<b>110,580</b>
<b>Increase over last year</b>	<b>2.4%</b>	<b>.24%</b>	<b>1.9%</b>	<b>2.5%</b>	<b>1.4%</b>	<b>2.3%</b>

<sup>1</sup>“Headcount” refers to the total number of part-time and full-time students served.

<sup>2</sup> “FTE” refers to the number of full-time equivalent students. Total FTE is determined by calculating one FTE student for each 15 lower-division credit hours, 12 upper-division credit hours, or 10 graduate-level credit hours.

<sup>3</sup>Individual campus totals exceed the ASU total—students may be enrolled in multiple locations.

## Resident and Non-Resident Enrollment

- About three-fourths of total students enrolled in the System are classified as residents.
- The percentage of graduate students with non-resident classification is 30.9%.

## Degrees Awarded

### Enrollment and Degrees Awarded

- Fall 2007 headcount enrollment in the University System was 122,731 students.
- During FY 2007-2008, the universities awarded 26,713 degrees, a 5% increase over the previous year.

### Looking Ahead

- Enrollment growth at Arizona's universities is projected to increase to almost 200,000 students by 2020 based on the goals in the 2020 Vision plan.
- In fact, enrollment is currently exceeding yearly projections.

The University System awarded a total of 26,713 degrees in 2007-2008.

DEGREES AWARDED BY CAMPUS, 2007-2008*					
	Bachelor's	Master's	Doctorate	Professional	Total
<b>ASU</b>	<b>10,564</b>	<b>2,978</b>	<b>416</b>	<b>236</b>	<b>14,194</b>
Tempe	6,741	2,065	402	236	9,444
West	1,638	356			1,994
Polytechnic	731	198	3		932
Downtown Phoenix	1,454	359	11		1,824
<b>NAU</b>	<b>2,887</b>	<b>1,763</b>	<b>87</b>		<b>4,737</b>
Flagstaff	2,044	419	73		2,536
Statewide	477	1,066	13		1,556
Online	230	198	1		429
Yuma	136	80	0		216
<b>UA</b>	<b>5,568</b>	<b>1,399</b>	<b>461</b>	<b>354</b>	<b>7,782</b>
<b>TOTAL</b>	<b>19,019</b>	<b>6,140</b>	<b>964</b>	<b>590</b>	<b>26,713</b>

## Campus Development

### ***SPEED Capital Construction Initiative***

Legislation passed in the 2008 session authorized debt financing of \$1 billion for university capital projects. The financing will be repaid 80% from state lottery revenues and 20% from university funds. The legislation required that \$470 million of the \$1 billion be allocated to the development of the Phoenix Biomedical Campus. Of the remaining \$530 million, \$20 million has been allocated for the ASU School of Construction, and each university has received an allocation of \$170 million for Building Renewal and New Construction projects. The projects and financing will occur over multiple years.

### ***Arizona State University***

The major facilities completed during FY 2008 on the Tempe Campus included the new Police Department and the Hassayampa Academic Village.

### ***Northern Arizona University***

NAU continued with campus infrastructure upgrades, and the development of the High County Conference center through the City of Flagstaff/Board of Regents/Drury Hotels/NAU partnership.

### ***University of Arizona***

The major facility completed during FY 2008 included the Family and Consumer Science Building (now McClelland Park). The facility will house the John and Doris Norton School of Family and Consumer Sciences in the College of Agriculture and Life Sciences.

The following table provides the Building Inventory as of June 2008 by campus:

ARIZONA UNIVERSITY SYSTEM BUILDING INVENTORY				
	ASU	NAU	UA	Total
Number of Facilities	908	104	657	1,669
Gross Square Feet	16.3 million	5.3 million	14.4 million	36.0 million
Est. Replacement Value	\$4.1 billion	\$1.3 billion	\$4.1 billion	\$9.5 billion

Source: University Capital Improvement Plan, FY 2010-2012

### ***Building Renewal***

The University System follows a legislative formula to calculate its needs for restoring and maintaining campus facilities. Based on the FY 2008 Building Inventory, the Building Renewal formula requirement totals \$91.5 million. Between FY 1999 – FY 2008, only 14% of the formula-generated amounts have been appropriated, leaving a backlog of \$587 million in deferred maintenance. A portion of the \$1 billion financing authorized by SPEED will be used to address building renewal and deferred maintenance needs. See the table below for amounts needed by each university for Building Renewal.

UNIVERSITY SYSTEM BUILDING RENEWAL REQUIREMENT			
ASU	NAU	UA	Total
\$29.8 million	\$12.4 million	\$49.3 million	\$91.5 million



## Academic Programs

**Arizona State University at the Tempe Campus** offered 154 bachelor's degree programs, 170 master's degree programs, 92 doctoral degree programs, 30 undergraduate certificate programs, and 17 graduate certificate programs. Programs were offered through the W. P. Carey School of Business, College of Design, Mary Lou Fulton College of Education, Ira A. Fulton School of Engineering, Katherine K. Herberger College of the Arts, Walter Cronkite School of Journalism and Mass Communication, Sandra Day O'Connor College of Law, College of Liberal Arts and Sciences, University College, Graduate College, Barrett the Honors College, and the School of Sustainability.

**Arizona State University at the West Campus** offered 45 bachelor's degree programs, 29 master's degree programs, 2 doctoral degree programs, 5 undergraduate certificate programs, and 3 graduate certificate programs through the School of Global Management and Leadership, College of Human Services, New College of Interdisciplinary Arts and Sciences, University College, College of Teacher Education and Leadership, Graduate College, and University College.

**Arizona State University at the Polytechnic Campus** offered 56 bachelor's degree programs, 28 master's degree programs, 1 doctoral degree program, and 8 undergraduate certificate programs through the School of Education Innovation and Teacher Preparation, University College, Morrison School of Management and Agribusiness, College of Science and Technology, School of applied Arts and Sciences, Graduate College, and Barrett The Honors College.

**Arizona State University at the Downtown Phoenix Campus** offered 22 bachelor's degree programs, 14 master's degree programs, 8 doctoral degree programs, 4 undergraduate certificate programs, and 8 graduate certificate programs through the College of Nursing & Healthcare Innovation, University College, College of Public Programs, Graduate College, Barrett the Honors College, and School of Letters and Sciences.

**Northern Arizona University** offered 93 bachelor's degree programs, 46 master's degree programs, 9 doctorate degree programs, 1 professional degree program, 30 baccalaureate certificate programs, and 20 master's certificate programs. Programs were offered through the university's 7 colleges, including the College of Arts and Letters, The W.A. Franke College of Business, College of Engineering Forestry and Natural Sciences, College of Education, Graduate College, College of Social and Behavioral Sciences, and the College of Health & Human Services.

**The University of Arizona** offered 123 bachelor's degree programs, 120 master's degree programs, 95 doctorate degree programs, 5 education specialist programs, 3 professional degree programs, and 27 graduate certificates in 19 colleges and 13 schools. The colleges include The College of Agriculture and Life Sciences, College of Architecture and Landscape Architecture, College of Education, College of Engineering, College of Fine Arts, Graduate College, Honors College, College of Humanities, James E. Rogers College of Law, Eller College of Management, College of Medicine, College of Nursing, College of Optical Sciences, University of Arizona Outreach College, College of Pharmacy, Mel and Enid Zuckerman College of Public Health, College of Science, College of Social and Behavioral Sciences, and University College. Schools include Art, Architecture, Dance, John and Doris Norton School of Family and Consumer Sciences, Information Resources and Library Science, Journalism, Landscape Architecture, Eller Graduate School of Management, Media Arts, Music, Natural Resources, Public Administration and Policy, and Theatre Arts.

**The University of Arizona South** offered 3 bachelor's degree programs and 2 master's degree programs unique to UA South and not offered at the main campus—the Bachelor of Applied Science with a major in Applied Science, the Bachelor of Science with a major in Commerce, the Bachelor of Science with a major in elementary education, the Master of Science with a major in Secondary Education, and the Master of Education with a major in Educational Technology. In conjunction with the UA main campus, UA South offered 11 bachelor's degree programs.



## Staffing Levels

### University System Employees, Fall 2007

The universities reported the following employee counts for the University System for fall 2007:

<b>Total professors</b>	<b>4,352</b>	<b>Total full-time employees</b>	<b>20,211</b>
<b>Other instructional faculty</b>	<b>1,015</b>	<b>Total part-time employees</b>	<b>17,394</b>
<b>Total</b>	<b>5,367</b>	<b>Total employees</b>	<b>37,605</b>

### University Professors, Fall 2007

	<b>ASU Tempe</b>	<b>ASU West</b>	<b>ASU Polytechnic</b>	<b>ASU Downtown</b>	<b>NAU</b>	<b>UA</b>	<b>Total</b>
Professors	793	44	43	45	252	778	1,955
Associate Professors	446	71	51	48	206	432	1,254
Assistant Professors	435	89	35	46	193	345	1,143
<b>Total</b>	<b>1,674</b>	<b>204</b>	<b>129</b>	<b>139</b>	<b>651</b>	<b>1,555</b>	<b>4,352</b>

### Other Instructional Faculty, Fall 2007

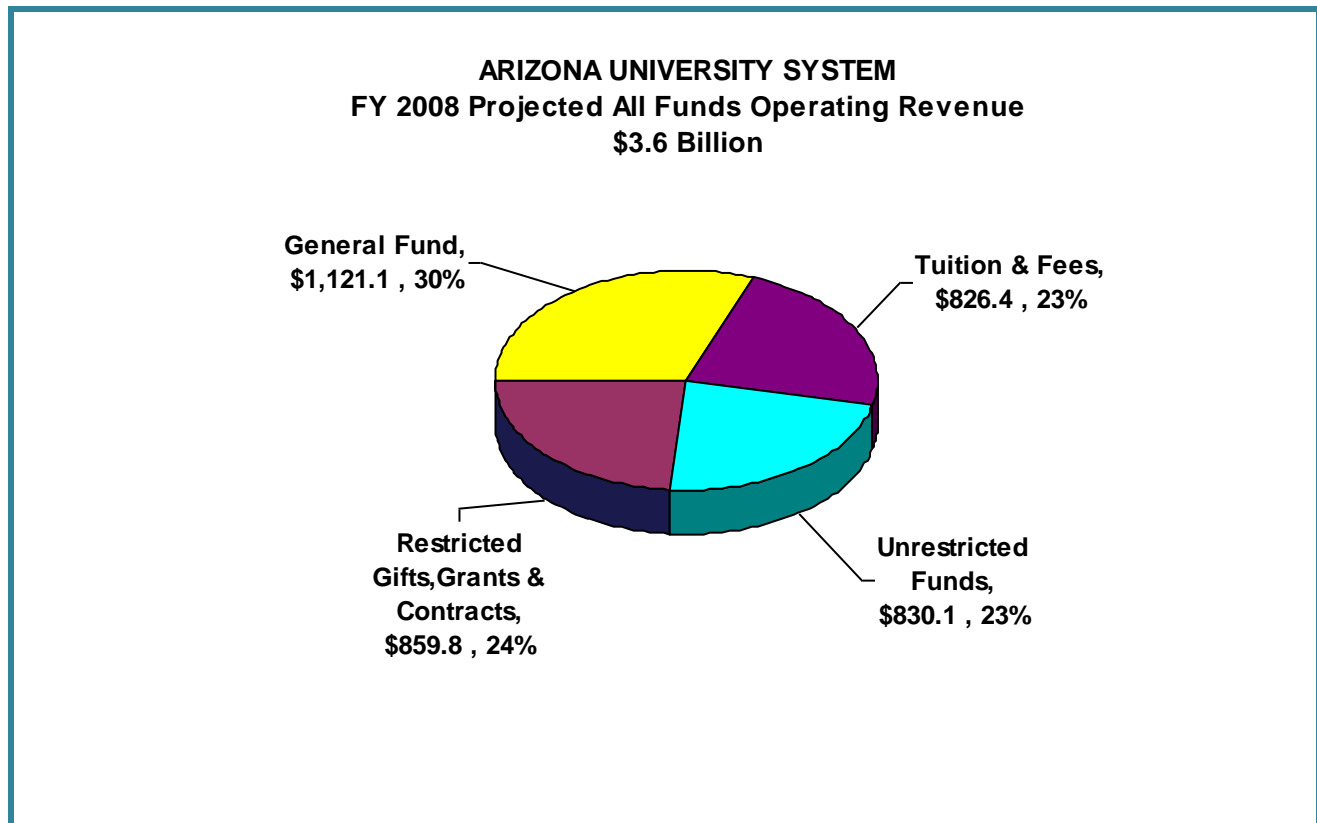
	<b>ASU Tempe</b>	<b>ASU West</b>	<b>ASU Polytechnic</b>	<b>ASU Downtown</b>	<b>NAU</b>	<b>UA</b>	<b>Total</b>
Instructors	96			9	41	68	214
Lecturers	199	72	52	35	82		440
Other	253	18	33	57			361
<b>Total</b>	<b>548</b>	<b>90</b>	<b>85</b>	<b>101</b>	<b>123</b>	<b>68</b>	<b>1,015</b>

### All Employees, Fall 2007

	<b>ASU Tempe</b>	<b>ASU West</b>	<b>ASU Polytechnic</b>	<b>ASU Downtown</b>	<b>NAU</b>	<b>UA</b>	<b>Board Central Office</b>	<b>Total</b>
Full-time	6,725	627	367	500	2,394	9,570	28	20,211
Part-time	3,769	111	143	194	1,368	11,806	3	17,394
<b>Total</b>	<b>10,494</b>	<b>738</b>	<b>510</b>	<b>694</b>	<b>3,762</b>	<b>21,376</b>	<b>31</b>	<b>37,605</b>

## Sources of Funds

Sources of funds for FY 2008 are depicted in the chart below:



Tuition rates for the 2007-2008 academic year, approved by the Arizona Board of Regents in spring 2007, were:

2007-2008 ACADEMIC YEAR TUITION AND MANDATORY FEES						
	ASU		NAU		UA	
	<i>Tempe &amp; Downtown</i>	<i>West &amp; Polytechnic</i>	<i>Flagstaff</i>	<i>Statewide</i>	<i>Main</i>	<i>South</i>
<b>Undergraduate</b>						
Resident—Continuing students	\$ 4,969	\$ 4,766	\$ 4,841	\$ 4,623	\$ 5,037	\$ 4,461
Nonresident	17,001	16,999	14,495	14,016	16,271	16,216
<b>Graduate</b>						
Resident	6,375	6,373	5,210	5,080	5,757	5,707
Nonresident	18,068	18,066	14,892	14,762	16,564	16,514

## Arizona Board of Regents Highlights

**Audit Committee** – The Committee has fostered a closer working relationship between the internal auditors and university management in the development of risk-based audit planning. Management and auditors share responsibility for ensuring that audit plans are completed. The Committee has placed a high priority on audits of construction projects. To date, the audits have identified the need for better defined contracts at all three universities. New Board policy assigns responsibility for internal controls to all levels of management and their employees. The Committee has greatly improved the oversight of purchasing card operations in the universities. The Committee is exploring the implementation of Enterprise-wide Risk Management (ERM) and has instructed the universities to identify and implement reasonable, cost-effective best practices.



**Academic Affairs Committee** – This Committee was established by the Board in December 2007. The formation of this committee changes the way in which the Board provides oversight to academic issues at the universities and provides a forum for delving more deeply into issues of strategic importance to the Regents. One of the first proposals submitted to the Board was a new process for approving academic programs and changes to organizational units through the Academic Strategic Plan (ASP). This will result in a greater focus on program quality. The universities conduct academic program reviews (APRs) for all academic programs on a 7-year cycle, which will now be reported annually to the Committee by the universities' provosts.

**A Technology Oversight Committee** -- At the January 2008 meeting, the Committee reviewed and approved a tri-university common IT Strategic Planning process and format. The Committee approved the allocation of \$50,000 to the Government Information Technology Agency (GITA) in order to help support the Arizona Broadband Connection Initiative. The Committee retained Moran Technology Consulting to develop a strategic planning framework to help the Regents and universities decide when, how, and to what degree potential IT collaborative opportunities could be pursued. Upon Committee recommendation, the Board approved UA's \$90 million project to replace its suite of administrative applications. The Committee oversaw ASU's \$30 million OASIS project.

**Capital Committee** – The focus was on three Capital initiatives: Stimulus Plan for Economic and Educational Development (SPEED), Phoenix Campus Development, and Oversight of Third-Party Financing Partnerships. Recent legislation authorized debt financing of \$1 billion for university capital projects: to be repaid 80% from state lottery revenues and 20% from university funds. Of the \$1 billion, \$470 million is allocated to the development of the Phoenix Biomedical Campus. Partnership was developed with the City of Phoenix for development of university facilities and programs in downtown Phoenix, including ASU relocation of various programs to its downtown Phoenix campus: the School of Public Programs, College of Teacher Education & Leadership, and Walter Cronkite School of Journalism and Mass Communication. Limited state resources and continued

enrollment growth have resulted in the use of innovative approaches to finance needed facilities and develop revenue-generating opportunities, including partnering with third-party entities for the financing, construction and operation of facilities.

**Joint Conference Committee (JCC)** – A study was commissioned to assess the effectiveness of Arizona's transfer articulation, major provisions of which had been established by the JCC in 1996. Hezel Associates, Syracuse, NY, conducted the study and reported in May 2007 that the system was strong but had areas that could be strengthened. This was the first such study ever conducted in Arizona.

**Public Awareness Campaign** -- The Arizona Board of Regents, with the support and participation of the three universities, launched the system-wide public awareness campaign called *Solutions Through Higher Education*. The campaign calls attention to the brewing educational crisis nationwide and in Arizona and the critical role that higher education plays in ensuring economic prosperity for our citizens and our country.

**Resources Committee** – The Committee initiated review of ABOR investment policy to consider socially responsible investing. In December 2007, base tuition and mandatory fees were set, including for the first time, guaranteed tuition plans at ASU and NAU; differential tuition, special program fees, special class fees, and other fees; and the University of Arizona College of Medicine tuition for 2008-09 academic year. The Committee was responsible for approving the TRIF annual report, budget, and investments.

**Strategic Planning, Budget & Finance Committee** – In July 2007, the Committee was directed to develop a long-term strategic plan for the Arizona University System. The 2020 Vision plan is in the final draft stage and includes specific goals and objectives to 2020 on key policy initiatives. The policy areas incorporated in the plan include educational excellence, research excellence, community and workforce impact, and productivity. The Committee has also begun key projects related to detailed planning of actions necessary to facilitate success and finalizing long-term financial projections.

**Tuition Task Force** – The task force was established to review the tuition-setting process and to analyze factors for consideration in the decisions related to tuition and fees. The task force included Regents, university presidents, ABOR staff, Governor's and university staff, and students. The work of the task force resulted in newly developed factors and analyses related to three key areas: (1) funding adequacy; (2) affordability; (3) financial aid/share of responsibility. The recommendations regarding maximum tuition parameters and a detailed policy brief outlining the analyses and recommendations were approved by the Board in August 2008.

More information about Arizona Board of Regents is available at <http://www.azregents.edu>.

# Arizona State University Highlights

## Students and Academics

- In fall 2007, enrollment reached 64,394 students, growing by nearly 9,000 students since 2002. ASU enrolled 265 freshman national scholars, including National Merit, National Hispanic and National Achievement scholars. National Hispanic Scholars total 111 and have increased by 164 percent since 2002.

- Freshman minority student enrollment continues to rise, with a 9 percent increase over last year. Thirty-three percent of the resident freshman class is made up of students of color, an increase of 121 percent in the past decade. ASU students come from all 50 states and more than 150 foreign countries.

- ASU was named as one of the best national universities by *U.S. News & World Report*, moving into the top tier of the rankings. Several graduate programs soared in the *U.S. News* college rankings. *Sports Illustrated* named ASU's intercollegiate athletics program number one in the nation.

## Research and Infrastructure

- SkySong, ASU's Scottsdale Innovation Center, opened its doors with a number of ASU units moving in, as well as more than 20 global startups and mid-sized companies from Canada, China, Germany, India, Japan, Turkey, Mexico and Singapore.

- ASU opened the nation's first School of Sustainability.

- ASU's Biodesign Institute garnered the highest designation for eco-friendly design and construction from the U.S. Green Building Council. The platinum certification for "Leadership in Energy and Environmental Design" (LEED) was issued for Building B. This marked the first time an Arizona building received this award.

- The ASU college of Nursing & Health Care Innovation broke ground for its second building at the Downtown Phoenix campus, the same year the college celebrated its 50<sup>th</sup> anniversary.

- With total research expenditures of \$224 million in fiscal year 2007, ASU ranked 19<sup>th</sup> among universities without a medical school, according to the annual "NSF Survey of Research and Development Expenditures at Universities and Colleges."

- Researchers secured significant grants, including \$9 million from the Department of Defense for cancer research, \$8 million from Science Foundation Arizona for various research projects; \$7.1 million from the National Institutes of Health to improve health among racial and ethnic minorities in the U.S.-Mexico border region; \$6.7 million from the Defense Advanced Research Projects Agency to develop jet fuel from algae; and \$3.2 million from the U.S. Department of Education to recruit and retain special education teachers in high-poverty and remote Arizona Schools.



- ASU received two gifts totaling \$22 million to make seed investments in research areas that push the boundaries of traditional academic disciplines. The Intellectual Fusion Investment Fund was established with the investments of Brian and Kelly Swette and

Sharon Dupont McCord and Robert McCord. Initial projects to receive investments focus on: alternative fuel research, child development research and research in human evolution and social change.

- ASU announced a significant research partnership with energy company BP and Science Foundation Arizona to develop a renewable source of biofuel. The effort focuses on using a specialized bacterium to produce biodiesel, a sustainable, high-energy fuel that can be used in conventional engines.

## Partnerships and Programs

- ASU launched the following new schools and colleges: the School of Letters and Sciences, the School of International Letters and Cultures, and the University of Arizona College of Medicine – Phoenix in partnership with Arizona State University.

- The Walter Cronkite School of Journalism and Mass Communication with the help of outside partners created several bold new programs. ABC News chose the school to be one of its partners in ABC News on Campus, an initiative that provides an opportunity for students to report on stories in their region and produce a wide array of content for ABC News' broadcast platforms. The Carnegie Corporation of New York and the John S. and James L. Knight Foundation awarded the school a \$7.5 million grant to direct an experimental digital media program at 12 leading U.S. universities called "News2", and a major grant from the Knight Foundation will establish a new center devoted to the development of new media entrepreneurship and the creation of digital media products.

- The Lodestar Foundation invested \$5 million in ASU's Center for Nonprofit Leadership and Management to catapult the center into the forefront of philanthropic research and expand its high-demand programs that strengthen nonprofits.

- ASU's College of Teacher Education and Leadership received "Best of the West" recognition from the Western Maricopa Coalition for its innovative partnership with Teach for America, a nationally renowned organization that enlists top-level teacher prospects in an effort to eliminate educational inequality.

- A study by the League of American Theatres and Producers, Inc. showed that ASU Gammage had a huge economic impact on the Phoenix metropolitan area -- \$41.3 million in spending. ASU Gammage is one of the most successful touring Broadway series in the country.

More information about ASU is available at [www.asu.edu](http://www.asu.edu).

## Northern Arizona University Highlights



**NORTHERN  
ARIZONA  
UNIVERSITY**

### Learning-centered university

- NAU reached its highest enrollment figures in its history, setting new records in fall 2007 and winter and spring 2008.

- *U.S. News & World Report* has ranked the undergraduate engineering program at NAU among the best in the nation for the fourth consecutive year.

- A new guidebook from Kaplan Publishing lists NAU as one of 25 cutting-edge schools tied to several of the 50 "hottest career choices."

- Ninety-seven percent of NAU sophomores rate their overall experience as either good or excellent.

### Student access, learning, persistence and affordability

- Nearly 8 out of 10 incoming freshmen reported that NAU was their first choice for college.

- NAU opened its North Valley campus, which will help NAU deliver many classes, with an emphasis on health-care courses.

- NAU is one of 12 colleges and universities in the nation to receive a multimillion-dollar grant that could more than double the number of science and math teachers NAU is producing through a program called NAUTeach.

- The Arizona Board of Regents approved NAU's first-ever "block tuition" plan that locks in tuition for four years for new full-time freshmen and transfer students.

### Sustainability and stewardship of place

- *Washington Monthly* ranked NAU 96 out of 242 institutions based on tangible contributions to the public interest.

- NAU researchers helped develop an innovative diagnostic tool to detect infection-causing bacteria.

- NAU received a "Platinum" rating for its Applied Research and Development building. The university earned "Gold" ratings for buildings that house Engineering and Business.

- NAU and some of the region's largest electrical power users signed an agreement pledging financial support of renewable energy generation facilities in northern Arizona.

- NAU officially opened the High Country Conference Center, which is expected to attract midsize conferences as well as private functions and generate about \$7 million annually.

### Global engagement

- The Translational Genomics Research Institute and NAU have been awarded a five-year, \$4.5 million research grant from the National Institutes of Health to develop new diagnostics and analytical tools for a significant biodefense disease called melioidosis.

- NAU earned a top-25 ranking for alumni serving as Peace Corps volunteers.

- Rodent-control technology developed by a trio of NAU researchers could mean more food for hundreds of millions of people in developing countries.

- Provost Liz Grobsmith traveled to Kunming, China to confer degrees on the first five Chinese students to graduate from a joint 1+2+1 program between NAU and several Chinese universities.

### A culture of inclusion, civility and respect

- NAU ranked first in the nation in producing Native American master's degrees, sixth in the nation for graduating Native Americans with bachelor's degrees and 61st in the nation for graduating Latinos with bachelor's degrees.

- Raul H. Castro, the first and only Latino governor of Arizona and an NAU graduate, had the Social and Behavioral Sciences building named in his honor.

- Monica Brown's newest bilingual biography for kids, *My Name is Gabito: The Life of Gabriel García Márquez*, sold nearly 10,000 copies in its first three months.

### A commitment to Native Americans

- A new program, funded by a \$500,000 grant from the National Science Foundation, teams NAU and two other universities to develop an online science curriculum especially for Native Americans.

- After becoming the first Navajo Nation woman to receive a Ph.D. in biological sciences from NAU, Stefanie Raymond-Whish has taken what she learned about uranium contamination to protect her tribe from its effect.

### Innovative, effective and accountable practices

- NAU was the first university in the state to implement an emergency text notification system.

- The university created a President's Distinguished Teaching Fellow Award and a NAU Teaching Academy to highlight and learn from its great teachers.

More information about NAU is available at [www.nau.edu](http://www.nau.edu).



# University of Arizona Highlights

## Students

- Fall 2007 new students enrollment reached a record 8,492 to bring total fall enrollment to 37,217. With increases in Hispanic, African American, and Native American enrollment, the UA student body remained the state's most ethnically diverse.

- Retention rates at the UA hit a new high, with 80 percent of students enrolled at the UA graduating after five years.

- Colleges throughout campus reported high student involvement in the UA's research enterprise. University-wide, 60 percent of undergraduates had direct involvement in UA research as part of their curriculum. The College of Science has historically reported 65 percent research participation among undergraduates.

- The UA College of Medicine-Phoenix, in partnership with ASU, came to life as a teaching campus with its first class of 24 students.

- The UA's Micro Air Vehicle Team of engineering students recently tied for first place in a tough international competition sponsored by the U. S. Army to advance MAV technology. UA students shared top honors with their counterparts at the Massachusetts Institute of Technology.

- A student business team from the UA's McGuire Center for Entrepreneurship beat out professional competitors worldwide in a Nokia-sponsored competition on cell phone innovation. The UA student team was the only student team to make the competition's list of 12 international finalists.

- UA optical sciences doctoral student named the 2008-09 Congressional Science Fellow. In this role, Elaine Ulrich is responsible for briefing and advising members of Congress on matters of physics and optical science.

## Research & Education Highlights

- The Phoenix Mars Lander Mission, the first mission to Mars led by a public university, thrilled the world with its confirmation of underground water ice on Mars and its stunning images of the northern polar region of Mars. Operated from Tucson by UA scientists on behalf of NASA, Phoenix is expected to produce images and data through mid-November, which scientists will study for years.

- The Large Binocular Telescope, built and operated by the UA, became the world's most powerful telescope in March when it became fully operational on its mountain-tip perch in southeastern Arizona. It is 10 times more powerful than the Hubbell Space Telescope.

- Biosphere 2 became a UA-operated facility in which globally-unique research missed with lifelong learning and public education programs at the famed facility.

- The iPlant Collaborative, a \$100 million, 10-year National Science Foundation program, was awarded to the UA, to form a new approach to plant science—a massive computer infrastructure linking plant scientists worldwide in common research, with the UA serving as world headquarters. The first half of the grant—a 5-year, \$50 million endeavor—was announced jointly by Arizona Gov. Janet Napolitano and the Director of the National Science Foundation.



- Border Security will be the focus of a U.S. Department of Homeland Security center of excellence based at the UA, to study technological advances to U.S. – Mexico border security, and the human complications associated with border issues.

- Climate Change Research at the UA received global acclaim. Geoscientist Jonathan Overpeck was a principle author of the United National Intergovernmental Panel on Climate Change report that shared the 2007 Nobel Peace Prize with Al Gore. Tree ring researcher Thomas Swetnam was profiled on CBS's "60 Minutes" and in the *National Geographic* magazine for his pioneering research on western American megafires. A UA atmospheric science professor was tapped by the U.N. to lead an international effort to establish a global dust storm warning system. A UA water research center shared a U.N. award for excellence in water conservation research with UC-Irvine. And the UA won an NSF grant to link Biosphere 2 with scientists in Brazil to study how climate change affects the Amazon basin.

## Public Service Highlights

- UA Eller College of Management assistant economics professor, Gregory Crawford, was tapped to serve as chief economist for the Federal Communications Commission.

- International lawyer and scholar, S. James Anaya, was named the U.N. Special Rapporteur on the Situation of Human Rights and Fundamental Freedoms of Indigenous Peoples, wherein he is tasked with assessing the state of human rights for indigenous peoples worldwide.

- Ecology and Evolutionary Biology assistant professor, Michael Worobey, advanced the cause of AIDS research by confirming that the Human Immunodeficiency Virus, which causes AIDS, first arrived in the United States in 1969, and it came from infected individuals in Haiti. His findings rewrite the early history of AIDS in America, which previously had HIV coming years later and coming from Africa.

- UA professors were called on repeatedly to help Congressional committees sort out issues of climate change environmental policy by testifying before key committees. Of note were Thomas Swetnam, Jonathan Overpeck and Val Little, who testified on separate occasions about modern megafires wildfires, 21<sup>st</sup> century water supply challenges, and water conservation, respectively.

- *The Washington Monthly's* annual ranking of American universities on social service put the UA in the top 25 among 242 American universities in service to society's needs. Chief among the rankings variables were social mobility (recruiting and graduating at-risk students), research (supporting research relevant to our national strength, "by producing PhDs and winning research grants"), and service (fostering an ethic of giving back to the country, either through military or civilian service).

- Science education came several steps closer to reality in downtown Tucson, as the UA and the city made significant progress toward establishing the UA Science Center and a new home for the Arizona State Museum as the cultural heart and engine of Rio Nuevo, the downtown Tucson revitalization project. When completed, state-of-the-art science education will meld seamlessly with the rich collection of history and artifacts of the Arizona State Museum.

More information about UA is available at [www.arizona.edu](http://www.arizona.edu).

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